

17. (Twice Amended) Confocal microscope according to claim 16, wherein the rotatable optical system for image rotation is a prism.

20. (Twice Amended) Confocal microscope according to claim 16, wherein the rotatable optical system for image rotation is a mirror system.

25. (Thrice Amended) Confocal microscope according to claim 16, wherein the rotatable optical system for image rotation serves to rotate all scanning and video images fed through the laser scanner into the microscope.

29. (Twice Amended) A confocal microscope defining a path of rays and comprising:

a microscope objective;

an ocular;

a tube lens; and

a rotatable optical system for image rotation disposed in the path of rays of the microscope, wherein the rotatable optical system is disposed between the tube lens and microscope objective in the path of rays of the confocal microscope.

30. (Amended) Microscope according to claim 29, wherein the rotatable optical system for image rotation is a prism.

33. (Amended) Microscope according to claim 29, wherein the rotatable optical system for image rotation is a mirror system.